

Executive Registry
67-169

13 APR 1967

**MEMORANDUM FOR:** Director, National Security Agency

**SUBJECT** : Key Generator for Clandestine Use

1. This Agency has had a requirement for the development of a key generator for clandestine use for several years. During this interim there have been numerous discussions between representatives of our two Agencies in an attempt to resolve this problem. One factor which has prevented the solution had been the lack of effective microminaturization techniques. We believe that the state-of-the-art in microminaturization now has progressed to the point where quantity production of reliable modules can be obtained at a reasonable cost. I understand that you have developed, on paper, the logic for linear sequence key generators that would provide sufficient security for our intended usage. If the foregoing is correct, we would like to have you delegate to this Agency the authority to produce cryptographic devices suitable for inclusion in agent communications systems, using cryptographic logic approved and provided by your Agency.

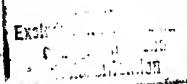
2. The long-standing need for a modern cryptographic capability in support of clandestine activities, new opportunities opening up for us, and the lead time required for such a project combine to place a sense of urgency on this project.

Rufus Taylor  
Vice Admiral, U.S. Navy  
Deputy Director

Originator

Director of Communications

APR 17 1967  
1055 W.H.B.



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